A statistical analysis of the effects of Scrum and Kanbar projects

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Citation Report

#	Article	IF	CITATIONS
1	Customization of the CAD software in a typical drawing office for a power and electricity distribution company in Zimbabwe. , 2016, , .		0
2	Applying the Kanban method in problem-based project work: a case study in a manufacturing engineering bachelor's programme at Aalborg University Copenhagen. European Journal of Engineering Education, 2017, 42, 1512-1530.	1.5	4
3	Support elderly caregivers through mobile applications. , 2017, , .		0
4	A comparison of scrum and Kanban for identifying their selection factors. , 2017, , .		11
5	Improving the Quality of Software Development Process by Introducing a New Methodology–AZ-Model. IEEE Access, 2018, 6, 4811-4823.	2.6	59
6	More effective sprint retrospective with statistical analysis. Journal of Software: Evolution and Process, 2018, 30, e1933.	1.2	3
7	Statistical Analysis of the Effects of Heavyweight and Lightweight Methodologies on the Six-Pointed Star Model. IEEE Access, 2018, 6, 8066-8079.	2.6	53
8	Evaluating Agile and Lean Software Development Methods from a System Dynamics Perspective. , 2018, ,		3
9	Cloud Kanban Framework for Service Operations Management. Procedia Manufacturing, 2018, 17, 531-538.	1.9	14
10	A Review of Popular Agile Software Development Technologies. Journal of Information Technology & Software Engineering, 2018, 08, .	0.3	2
11	Identification of criteria affecting software project monitoring task of Agile Kanban method. AIP Conference Proceedings, 2018, , .	0.3	6
12	A geolocation model of health centers specialized in pediatrics and family medicine using the concept of mobile network. , 2018, , .		1
13	Scrum2kanban. , 2018, , .		11
14	Blueprint Model: A new Approach to Scrum Agile Methodology. , 2019, , .		3
15	Applied business process management: An information systems approach to improve service delivery in public hospitals of low―and middle―ncome countries. Electronic Journal of Information Systems in Developing Countries, 2019, 85, e12098.	0.9	2
16	Dynamic Agile Distributed Development Method. Mathematics, 2019, 7, 963.	1.1	2
17	Benefits of Agile Project Management in an Environment of Increasing Complexity—A Transaction Cost Analysis. Smart Innovation, Systems and Technologies, 2019, , 195-204.	0.5	11
18	Intelligent Decision Technologies 2019. Smart Innovation, Systems and Technologies, 2019, , .	0.5	2

#	ARTICLE	IF	CITATIONS
19	Using Scrum and unified modelling language to analyze and design an automatic course scheduling system. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers,Series A/Chung-kuo Kung Ch'eng Hsuch K'an, 2019, 42, 534-543.	0.6	6
20	Comparative Study within Scrum, Kanban, XP Focused on Their Practices. , 2019, , .		25
21	Understanding the soft side of software projects: An empirical study on the interactive effects of social skills and political skills on complexity – performance relationship. International Journal of Project Management, 2019, 37, 444-460.	2.7	72
22	Adapting the scrum framework for agile project management in science: case study of a distributed research initiative. Heliyon, 2019, 5, e01447.	1.4	56
23	Exploiting Music and Dance Notation to Improve Visualization of Data in BIM. , 2019, , .		0
24	A predictive model to identify Kanban teams at risk. Model Assisted Statistics and Applications, 2019, 14, 321-335.	0.2	3
25	A Theoretical Framework for Improving Software Project Monitoring Task of Agile Kanban Method. Advances in Intelligent Systems and Computing, 2019, , 1091-1099.	0.5	4
26	Transforming automotive companies into sustainability leaders: A concept for managing current challenges. Journal of Cleaner Production, 2020, 276, 124179.	4.6	28
27	Incorporating stakeholder concerns in Land Information Systems for urban flood management. Array, 2020, 8, 100037.	2.5	4
28	Predictive Analysis of Manpower Requirements in Scrum Projects Using Regression Techniques. Procedia Computer Science, 2020, 173, 335-344.	1.2	3
29	Development of a suitable project management approach for projects with parallel planning and execution. Procedia Manufacturing, 2020, 51, 1544-1550.	1.9	6
30	A cognitive map integrated intuitionistic fuzzy decision-making procedure for provider selection in project management. Journal of Intelligent and Fuzzy Systems, 2020, 39, 6645-6655.	0.8	6
31	Framework Study for Agile Software Development Via Scrum and Kanban. International Journal of Innovation and Technology Management, 2020, 17, .	0.8	14
32	A case study of agile software development for safety-Critical systems projects. Reliability Engineering and System Safety, 2020, 200, 106954.	5.1	22
33	Rethinking the Gold Standard With Multi-armed Bandits: Machine Learning Allocation Algorithms for Experiments. Organizational Research Methods, 2021, 24, 78-103.	5.6	7
34	Considerations about the efficiency and sufficiency of the utilization of the Scrum methodology: A survey for analyzing results for development teams. Computer Science Review, 2021, 39, 100314.	10.2	15
35	Project Communication as a Key Function in Agile Organization Forms—an Analysis Using the Wellenreiter Organization as an Example. , 2021, , 45-63.		0
36	Lessons Learned from Applying Requirements and Design Techniques inÂthe Development of a Machine Learning System for Predicting Lawsuits Against Power Companies. Lecture Notes in Computer Science, 2021, , 227-243.	1.0	0

#	Article	IF	CITATIONS
37	Perspectives on the adherance to scrum rules in software project management. Indonesian Journal of Electrical Engineering and Computer Science, 2021, 21, 360.	0.7	0
38	Aspectos clave del plan de negocios para emprender en el contexto colombiano. Suma De Negocios, 2021, 12, 41-51.	0.4	2
39	Human Resource Management in Agile Scrum Processes. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2021, , 132-146.	0.5	0
40	Identification of Challenges, Critical Success Factors, and Best Practices of Scrum Implementation: An Indonesia Telecommunication Company Case Study. Journal of Physics: Conference Series, 2021, 1811, 012120.	0.3	0
41	The Effects of Agile Methodologies on Software Project Management in Pakistani Software Companies. Turkish Journal of Computer and Mathematics Education, 2021, 12, 1717-1727.	0.4	1
42	Prototype of Drowsiness Detection For Drivers Using Facial Recognition. SSRG International Journal of Engineering Trends and Technology, 2021, 69, 45-50.	0.3	0
43	A Methodology for Approaching the Integration of Complex Robotics Systems: Illustration Through a Bimanual Manipulation Case Study. IEEE Robotics and Automation Magazine, 2021, 28, 88-100.	2.2	4
44	A novel integrated intuitionistic fuzzy decision aid for agile outsourcing provider selection: a COVID-19 pandemic-based scenario analysis. Soft Computing, 2021, 25, 13723-13740.	2.1	12
45	The adoption of Software Engineering practices in a Scrum environment. African Journal of Science, Technology, Innovation and Development, 0, , 1-18.	0.8	2
46	Integrating AI ethics in wildlife conservation AI systems in South Africa: a review, challenges, and future research agenda. AI and Society, 2023, 38, 245-257.	3.1	6
47	Agile Software Development Techniques: A Survey. Proceedings of the Pakistan Academy of Sciences: Part A, 2021, 58, 17-33.	0.1	0
48	Winning ARIAC 2020 by KISSing The BEAR: Keeping things simple in Best Effort Agile Robotics. Robotics and Computer-Integrated Manufacturing, 2021, 71, 102166.	6.1	5
49	Become a Scrum Master: Immersive Virtual Reality Training to Learn Scrum Framework. Lecture Notes in Computer Science, 2020, , 34-48.	1.0	5
50	Improving internal logistics of a bus manufacturing using the lean techniques. International Journal of Productivity and Performance Management, 2021, 70, 1930-1951.	2.2	8
51	An Empirical Study of Scrumban Formation based on the Selection of Scrum and Kanban Practices. International Journal on Advanced Science, Engineering and Information Technology, 2018, 8, 2315-2322.	0.2	7
52	Thoughts on Current and Future Research on Agile and Lean: Ensuring Relevance and Rigor. , 2018, , .		14
53	Helping Data Science Students Develop Task Modularity. , 2019, , .		5
54	Market-to-Book Ratio and Creative Industries– Example of Polish Video Games Developers. Economics and Culture, 2019, 16, 137-147.	0.2	3

#	Article	IF	CITATIONS
55	Implementation of Kanban Techniques in Software Development Process: An Empirical Study Based on Benefits and Challenges. Sukkur IBA Journal of Computing and Mathematical Sciences, 2019, 3, 25-36.	0.5	2
56	Towards using Data to Inform Decisions in Agile Software Development: Views of Available Data. , 2019, , .		2
57	Key Success Factors That Enable IT Service Providers to Achieve Organizational Performance: Evidence from Romania. Sustainability, 2021, 13, 10996.	1.6	2
58	Framework for Applicability of Agile Scrum Methodology: A Perspective of Software Industry. International Journal of Advanced Computer Science and Applications, 2017, 8, .	0.5	1
59	MetodologÃas Ãgiles de Desarrollo un Caso de Aplicación MedellÃn – Colombia 2016 - 2017. Lámpsakos, 2018, 1, 58.	0.1	0
61	Agiles Personalmanagement. , 2019, , 885-936.		0
62	An intuitionistic fuzzy decision aid approach to analyzing performance indicators of waterfall project management framework. , 2019, , .		0
63	An ANP Approach for Prioritizing the Agile Project Management Criteria in Industry 4.0 Transition. Advances in Logistics, Operations, and Management Science Book Series, 2019, , 165-187.	0.3	2
64	Customer Centric Innovation in Banking Sector. Advances in Business Strategy and Competitive Advantage Book Series, 2019, , 79-95.	0.2	1
65	OSCRUM: A Modified Scrum for Open Source Software Development. International Journal of Simulation: Systems, Science and Technology, 0, , .	0.0	4
67	Blueprint Model: An Agile-Oriented Methodology for Tackling Global Software Development Challenges. Advances in Science, Technology and Engineering Systems, 2020, 5, 353-362.	0.4	3
68	Desarrollo de un aplicativo móvil y web que calcule la huella de carbono en el sector educativo y transporte. Lámpsakos, 2020, , 45.	0.1	1
69	Software Project Management Systems Using Kanban Method in the CV. Primavisi Globalindo. INTENSIF Jurnal Ilmiah Penelitian Dan Penerapan Teknologi Sistem Informasi, 2020, 4, 215-231.	0.4	0
70	Comparison of Scrum-Kanban-Waterfall Applications in Information Technology Projects using AHP and TOPSIS Methods. BiliÅŸim Teknolojileri Dergisi, 2020, 13, 329-339.	0.2	3
71	Technological Solution Development During the COVID-19 Pandemic: a Case Study in an IoT Lab. , 2020, ,		4
72	Modelling and Simulation of Scrum Team Strategies: A Multi-agent Approach. Advances in Intelligent Systems and Computing, 2020, , 32-63.	0.5	1
73	Diseño de una solución SaaS para el seguimiento de mercancÃa usando una metodologÃa ágil. Cultura CientÃfica Y Tecnológica, 2020, 17, 1-5.	0.0	1
74	Knowledge management in the software industry:how Scrum activities support a knowledge management cycle. Navus: Revista De Gestão E Tecnologia, 0, 10, 01-13.	0.1	6

#	Article	IF	Citations
75	Effectiveness of Scrum and Kanban on Agile-Based Software Maintenance Projects. Advances in Computer and Electrical Engineering Book Series, 2020, , 282-300.	0.2	0
76	Why Scrum works in new product development: the role of social capital in managing complexity. Production Planning and Control, 2023, 34, 1248-1260.	5.8	3
79	Data Mining-Based Metrics for the Systematic Evaluation of Software Project Management Methodologies. EAI/Springer Innovations in Communication and Computing, 2022, , 35-51.	0.9	0
80	Ensuring the Software Quality for Critical Infrastructure Objects. IFAC-PapersOnLine, 2021, 54, 499-504.	0.5	4
82	Human Resource Management in Agile Scrum Processes. , 2022, , 276-290.		0
83	Agile Approaches for Cybersecurity Systems, IoT and Intelligent Transportation. IEEE Access, 2022, 10, 1360-1375.	2.6	15
84	Practicum Management and Enhancement Through an Online Tool in Foreign Language Teacher Education. SSRN Electronic Journal, 0, , .	0.4	0
85	Using a coach to improve team performance when the team uses a Kanban process methodology. , 2019, 7, 61-77.		4
86	Practicum management and enhancement through an online tool in foreign language teacher education. Social Sciences & Humanities Open, 2022, 6, 100273.	1.3	1
87	XPS-MoSCoW. International Journal of Software Innovation, 2022, 10, 1-15.	0.3	0
88	Correlation of Agile Principles and Practices to Software Project Performance: An AHP–Delphi Analysis. International Journal of Software Engineering and Knowledge Engineering, 2022, 32, 257-281.	0.6	5
89	Effect of Lean Software Development on the Small Organizations Using LSD Approach. , 2021, , .		0
91	NEKO: Proposal of the first super-agile methodology to improve work efficiency. , 2022, , .		2
92	Challenges to agile project management during COVID-19 pandemic: an emerging economy perspective. Operations Management Research, 2022, 15, 461-474.	5.0	7
93	The three pillars of sustainability and agile project management: How do they influence each other. Corporate Social Responsibility and Environmental Management, 2022, 29, 1495-1512.	5.0	27
94	A Survey-Based Study to Understand Various Aspects of Kanban. Lecture Notes in Networks and Systems, 2022, , 771-788.	0.5	0
95	Risks and Challenges of Scrum: A Systematic Literature Review. Studies in Systems, Decision and Control, 2022, , 181-196.	0.8	1
96	GaminScrum an Adaptive Gamification Approach Applied to Agile Processes. Advances in Web Technologies and Engineering Book Series, 2022, , 161-188.	0.4	0

#	Article	IF	CITATIONS
97	PRE-INCUBATION FRAMEWORK OF SOFTWARE STARTUP USING GROW COACHING MODEL, BLOCK SCHEDULING AND DAILY SCRUM. Teknokom, 2022, 5, 125-135.	0.2	0
98	Diseño de una aplicación móvil para la monitorización domiciliaria de bebés con cardiopatÃas congénitas complejas. Revista CuidArte, 2022, 13, .	0.1	0
99	Some Issues of Assessing the Quality of Debugging Software Systems of Critical Information Infrastructure. , 2022, , .		0
100	Automated House Budget Plan Application. , 2022, , .		0
101	COVID-19 Pandemisi Döneminde Çevik Dış Kaynak Sağlayıcısı Seçimi Problemi İçin Sezgisel Bul Öl§ütl¼ Karar Verme Yöntemi: Türk Beyaz Eşya Sektöründe Bir Uygulama. Journal of the Institute o Science and Technology, 0, , 2097-2112.		ok O
102	A production process efficiency improvement model at a MSME Peruvian metalworking company. AIP Conference Proceedings, 2023, , .	0.3	0
103	Characterising project management of lean initiatives in industrial companies — crossing perspectives based on case studies. Engineering Management in Production and Services, 2023, 15, 57-72.	0.5	2
104	The Need for an Enhanced Process Methodology for Ethical Data Science Projects. , 2023, , .		0
105	Using the linear sequential model method for Android-based encyclopedias. AIP Conference Proceedings, 2023, , .	0.3	0
106	Metrics for Project Management Methodologies Elicitation. Advances in Systems Analysis, Software Engineering, and High Performance Computing Book Series, 2023, , 187-212.	0.5	0
110	ASEAN entrepreneurship profiling: A new model for mobile-based application development. AIP Conference Proceedings, 2023, , .	0.3	0